

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.EMSL.com>buffalolab@emsl.com

EMSL Order: 141900301
 CustomerID: RFWE53
 CustomerPO:
 ProjectID: RFP 509

Attn: **Smita Sumbaly**
Weston Solutions (King Georges Post)
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Phone: (732) 585-4400
 Fax:
 Received: 01/24/19 9:33 AM
 Analysis Date: 1/30/2019
 Collected: 1/23/2019

Project: RFP No. 509 / TDD # TO-0370-0100

Test Report:Asbestos Analysis of Bulk Material

Test		Analyzed Date	Color	Non Asbestos		Asbestos
				Fibrous	Non-Fibrous	
Sample ID	TCBP-BULK032		Description	BULK032		
	141900301-0001		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable						Not Analyzed
PLM NYS 198.6 VCM						Not Analyzed
PLM NYS 198.6 NOB		1/30/2019	Black/Yellow			1.3% Chrysotile 3.8% Amosite 5.1% Total
TEM NYS 198.4 NOB						Not Analyzed
Sample ID	TCBP-BULK033		Description	BULK033		
	141900301-0002		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable		1/29/2019	Gray		0.00% Non-fibrous (other)	75.00% Amosite 25.00% Chrysotile 100% Total
PLM NYS 198.6 VCM						Not Analyzed
PLM NYS 198.6 NOB						Not Analyzed
TEM NYS 198.4 NOB						Not Analyzed
Sample ID	TCBP-BULK034		Description	BULK034		
	141900301-0003		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable		1/29/2019	Gray		89.00% Non-fibrous (other)	11.00% Chrysotile
PLM NYS 198.6 VCM						Not Analyzed
PLM NYS 198.6 NOB						Not Analyzed
TEM NYS 198.4 NOB						Not Analyzed
Sample ID	TCBP-BULK035		Description	BULK035		
	141900301-0004		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable		1/29/2019	Gray		74.00% Non-fibrous (other)	13.00% Amosite 13.00% Chrysotile 26% Total
PLM NYS 198.6 VCM						Not Analyzed
PLM NYS 198.6 NOB						Not Analyzed
TEM NYS 198.4 NOB						Not Analyzed

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Test Report: Asbestos Analysis of Bulk Material

		Non Asbestos		Asbestos
Test	Color	Fibrous	Non-Fibrous	
Sample ID TCBP-BULK036 141900301-0005	Description BULK036 Homogeneity Homogeneous			
PLM NYS 198.1 Friable				Not Analyzed
PLM NYS 198.6 VCM				Not Analyzed
PLM NYS 198.6 NOB	1/30/2019	Black		5.7% Chrysotile 17% Amosite 23% Total
TEM NYS 198.4 NOB 1/30/2019				Not Analyzed
Sample ID TCBP-BULK037 141900301-0006	Description BULK037 Homogeneity Homogeneous			
PLM NYS 198.1 Friable				Not Analyzed
PLM NYS 198.6 VCM				Not Analyzed
PLM NYS 198.6 NOB	1/30/2019	Black		61% Chrysotile 61% Total
TEM NYS 198.4 NOB 1/30/2019				Not Analyzed

Analyst(s)

Tom Hanes

Rhonda McGee, Laboratory Manager
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing.
All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples were received in good condition unless otherwise noted.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606